

O P E  
FEB 24 2003  
P A T E N T & T R A D E M A R K S  
Substitute for form 1449A/PTO  
(Revised 10/2001)

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
(Use as many sheets as necessary)

Sheet

1

of

5

**C**omplete if Known

Application Number	09/689,430
Filing Date	October 12, 2000
First Named Inventor	Walsh et al.
Group Art Unit	1632
Examiner Name	Q. Li
Attorney Docket Number	35052/204373(5052-53)

TECH CENTER 1600/2003

FEB 25 2003

RECEIVED

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No.	Document Number Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages of Relevant Figures Appear
	29	US-5,587,308 A	12-24-1996	Carter et al.	All
	30	US-5,633,150 A	05-27-1997	Wood et al.	All
	31	US-5,658,776 A	08-19-1997	Flotte et al.	All
	32	US-5,658,785 A	08-19-1997	Johnson	All
	33	US-5,661,008 A	08-26-1997	Almstedt et al.	All
	34	US-5,837,484 A	11-17-1998	Trempe et al.	All
	35	US-5,990,279 A	11-23-1999	Carter et al.	All
	36	US-6,114,113 A	09-05-2000	McLaughlin-Taylor et al.	All
	37	US-6,255,289 B1	07-03-2001	German et al.	All
	38	US-6,346,415 B1	02-12-2002	Feldhaus	All
	39	US-6,436,392 B1	08-20-2002	Engelhardt et al.	All

**FOREIGN PATENT DOCUMENTS**

Examiner Initials	Cite No.	Foreign Patent Document Country Code - Number Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
	40	WO 92/05273 A1	04-02-1992	The Regents of the University of Michigan	All	
	41	WO 92/22635 A1	12-23-1992	University of Connecticut	All	
	42	WO 93/24641 A2	12-09-1993	The United States of America as represented by The Secretary, Department of Health & Human Services	All	
	43	WO 94/06283 A1	03-31-1994	The Regents of the University of Michigan	All	
	44	WO 94/26915 A1	11-24-1994	The Regents of the University of Michigan	All	
	45	WO 94/28938 A1	12-22-1994	The Regents of the University of Michigan	All	

Examiner Signature		Date Considered	5/29/03
--------------------	---	-----------------	---------

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449A/PTO  
(Revised 10/2001)

FEB 24 2003

SC58

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT  
(Use as many sheets as necessary)

Sheet

2

of

5

Complete if Known

Application Number	09/689,430
Filing Date	October 12, 2000
First Named Inventor	Walsh et al.
Group Art Unit	1632
Examiner Name	Q. Li
Attorney Docket Number	35052/204373(5052-53)

TECH CENTER 1600-2900

FEB 25 2003

RECEIVED

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No.	Foreign Patent Document Country Code - Number Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	46	WO 94/29471 A1	12-22-1994	Genetic Therapy, Inc.	All
	47	WO 95/34670 A2	12-21-1995	Children's Hospital, Inc.	All
	48	WO 96/09074 A1	03-28-1996	The General Hospital Corporation	All
	49	WO 96/13597 A2	05-09-1996	The Trustees of the University of Pennsylvania	All
	50	WO 96/13598 A2	05-09-1996	The Trustees of the University of Pennsylvania	All
	51	WO 96/26285 A2	08-29-1996	The Trustees of the University of Pennsylvania and The Wistar Institute of Anatomy and Biology	All
	52	WO 96/26286 A1	08-29-1996	The Trustees of the University of Pennsylvania	All
	53	WO 96/39530 A2	12-12-1996	The Trustees of the University of Pennsylvania	All
	54	WO 98/00542 A2	01-08-1998	Chiron Corporation	All
	55	WO 98/09657 A3	03-12-1998	Trustees of the University of Pennsylvania	All
	56	WO 98/10086 A1	03-12-1998	Trustees of the University of Pennsylvania	All
	57	WO 98/11243 A2	03-19-1998	The General Hospital Corporation and Biogen	All
	58	WO 98/12311 A2	03-26-1998	The General Hospital Corporation	All
	59	WO 98/27204 A3	06-25-1998	Targeted Genetics Corporation	All
	60	WO 99/11764 A2	03-11-1999	Targeted Genetics Corporation	All
	61	WO 99/14354 A1	03-25-1999	The Trustees of the University of Pennsylvania	All

Examiner  
Signature

Date  
Considered

5/29/03

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FEB 24 2003

**INFORMATION DISCLOSURE STATEMENT BY APPLICANT**  
*(Use as many sheets as necessary)*

Sheet

3

of

5

Complete if Known

Application Number	09/689,430
Filing Date	October 12, 2000
First Named Inventor	Walsh et al.
Group Art Unit	1632
Examiner Name	Q. Li

Attorney Docket Number 35052/204373(5052-53)

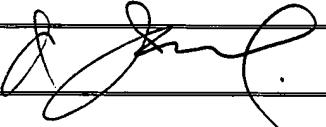
TECH CENTER 1600-2900

FEB 25 2003

RECEIVED

**FOREIGN PATENT DOCUMENTS**

Examiner Initials	Cite No.	Foreign Patent Document Country Code - Number Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
	62	WO 99/15685 A1	04-01-1999	The Trustees of the University of Pennsylvania	All	
	63	WO 99/20773 A2	04-29-1999	Targeted Genetics Corporation	All	
	64	WO 99/20779 A1	04-29-1999	Targeted Genetics Corporation	All	
	65	WO 99/47691 A1	09-23-1999	Trustees of the University of Pennsylvania	All	
	66	WO 99/60146 A1	11-25-1999	University of Iowa Research Foundation	All	
	67	WO 99/61595 A2	12-02-1999	Cell Genesys, Inc.	All	
	68	WO 00/14205 A3	03-16-2000	Targeted Genetics Corporation	All	
	69	WO 00/28061 A3	05-18-2000	The Trustees of the University of Pennsylvania	All	
	70	WO 00/55342 A1	09-21-2000	The Trustees of the University of Pennsylvania	All	
	71	WO 00/65038 A2	11-02-2000	Targeted Genetics Corporation	All	
	72	WO 00/73480 A1	12-07-2000	Genovo, Incorporated	All	
	73	WO 00/73481 A1	12-07-2000	Targeted Genetics Corporation	All	
	74	WO 00/75365 A2	12-14-2000	University of Iowa Research Foundation	All	
	75	WO 00/77233 A2	12-21-2000	The General Hospital Corporation	All	
	76	WO 01/11034 A2	02-15-2001	Targeted Genetics Corporation	All	
	77	WO 01/23597 A2	04-05-2001	The Trustees of the University of Pennsylvania	All	

Examiner Signature		Date Considered	5/29/03
--------------------	---	-----------------	---------

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

RECEIVED

O I P

Substitute for form 1449A PTO (Revised 10/2001)				Complete if Known	
		FEB 24 2003		09/689,430	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>				October 12, 2000	
				Walsh et al.	
				1632	
				Q. Li	
Sheet	4	of	5	Attorney Docket Number	
35052/204373(5052-53)					

TECH CENTER 1600/2900 FEB 25 2003

FOREIGN PATENT DOCUMENTS					
Examiner Initials	Cite No.	Foreign Patent Document Country Code - Number Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
<i>[Signature]</i>	78	WO 01/25462 A1	04-12-2001	Genovo, Incorporated	All
<i>[Signature]</i>	79	WO 01/26565 A1	04-12-2001	University of Iowa Research Foundation	All

OTHER DOCUMENTS					
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
<i>[Signature]</i>	80	BARTLETT, J.S. and SAMULSKI, R.J., "Adeno-Associated Virus Vectors for Human Gene Therapy," <i>Gene Therapy</i> , 1996, pp. 72-92, Bios Scientific Publishers Ltd., Oxford, UK			
<i>[Signature]</i>	81	BURKE, R.L., et al., "The Functional Domains of Coagulation Factor VII:C," <i>The Journal of Biological Chemistry</i> , September 25, 1996, pp. 12574-12578, Vol. 216, No. 27			
<i>[Signature]</i>	82	BURTON, M., et al., "Coexpression of Factor VIII Heavy and Light Chain Adeno-associated Viral Vectors Produces Biologically Active Protein," <i>PNAS</i> , October 26, 1999, pp. 12725-12730, Vol. 96, No. 22			
<i>[Signature]</i>	83	CONNELLY, S., et al., "Sustained Phenotypic Correction of Murine Hemophilia A by In Vivo Gene Therapy," <i>Blood</i> , May 1, 1998, pp. 3273-3281, Vol. 91, No. 9			
<i>[Signature]</i>	84	FLOTTE, T.R., et al., "Expression of the Cystic Fibrosis Transmembrane Conductance Regulator from a Novel Adeno-associated Virus Promoter," <i>The Journal of Biological Chemistry</i> , February 15, 1993, pp. 3781-3790, Vol. 268, No. 5			
<i>[Signature]</i>	85	GNATENKO, D., et al., "Generation and Characterization of Recombinant Adeno-associated Viral (rAAV) Vectors for Factor VIII Gene Therapy," <i>Blood</i> , November 15, 1996, Vol. 88, No. 10, Supplement I, Abstract No. 543-1			
<i>[Signature]</i>	86	GNATENKO, D., et al., "Recombinant Adeno-associated Virus as a Vehicle for Gene Delivery of Human Mutant Factor VIII," <i>Blood</i> , November 15, 1997, Vol. 90, No. 10, Supplement I (Part 1 of 2), Abstract No. 518-1			
<i>[Signature]</i>	87	KAUFMAN, R.J., "Advances Toward Gene Therapy for Hemophilia at the Millennium," <i>Human Gene Therapy</i> , September 1, 1999, pp. 2091-2107, Vol. 10			
<i>[Signature]</i>	88	KAUFMAN, R.J., "Biosynthesis, Assembly and Secretion of Coagulation Factor VIII," <i>Blood Coagulation and Fibrinolysis</i> , 1997, pp. S3-S14, Vol. 8, Suppl. 2			

Examiner Signature	<i>[Signature]</i>	Date Considered	5/29/03
--------------------	--------------------	-----------------	---------

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449 UPTO  
(Revised 10/2001)

FEB 24 2003

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT  
*(Use as many sheets as necessary)*

Sheet

5

of

5

Complete if Known

Application Number	09/689,430
Filing Date	October 12, 2000
First Named Inventor	Walsh et al.
Group Art Unit	1632
Examiner Name	Q. Li
Attorney Docket Number	35052/204373(5052-53)

OTHER DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
	89	LAU, J.Y.N., and MUZYCZKA, N., "Adeno-Associated Virus (AAV) As a Gene Delivery Vector for Liver Cells," <i>Hepatology</i> , October 1997, Vol. 26, No. 4, Pt. 2, Abstract No. 273	
	90	SUGIYAMA, A., et al., "Development of a Defective Adeno-Associated Viral Vector Construct for Translation and Expression of Insulin Gene in Liver Cells In Vitro and In Vivo, <i>Diabetes Abstract Book</i> , May 1995, p. 128A, Vol. 44, Suppl. 1, Abstract No. 470	
	91	YONEMURA, H., et al., "Efficient Production of Recombinant Human Factor VIII by Co-expression of the Heavy and Light Chains," <i>Protein Engineering</i> , 1993, pp. 669-674, Vol. 6, No. 6	

RTA01/2132091v1

RECEIVED  
FEB 25 2003  
TECH CENTER 1600/2900

Examiner Signature		Date Considered	5/29/03
--------------------	--	-----------------	---------

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.